

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"5190103".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 08:52
S2	1	"5597950".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 08:56
S3	14	("3258963" "4836032" "4928522" "4958684" "4974452" "5035146" "Re33909").PN. OR ("5190103").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 09:50
S4	28	("1866296" "2315983" "2380679" "3151061" "3555885" "4084426" "4677304" "4787110" "4907444" "5035139" "5094112" "5108655" "5320777" "5328375" "5375459" "5450882" "5465610").PN. OR ("5597950").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 09:55
S5	629419	hydrocarbon	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 09:56
S6	333202	foam	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 09:56
S7	78776	surface adj active adj agent	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 09:57
S8	509	sampling adj loop	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 09:57
S9	4	S5 and S6 and S7 and S8	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 09:57
S10	10364	S5 and S6 and S7	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 09:58
S11	1590126	composition	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 09:59
S12	9760	S10 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 09:59

S13	330833	(surface adj active adj agent) or surfactant	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 10:03
S14	574	homogenous with foam	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 10:03
S15	10295	(homogenous uniform) with foam	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 10:03
S16	905	S13 same S15	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 10:04
S17	103	S5 same S16	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 10:04
S18	63	S11 same S17	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 10:04
S19	128936	phase with flow\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 10:07
S20	3	S13 same S15 same S19	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 10:07
S21	19	S13 same S15 and S19	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 10:07
S22	457	hydrocarbon and (foam same surfactant) and (phase with flow\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 10:09
S23	196	(hydrocarbon with water) and (foam same surfactant) and (phase with flow\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 10:10
S24	75	(hydrocarbon with water) and (foam same surfactant same composition) and (phase with flow\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 10:11
S25	34	surfactant and (hydrocarbon with water) and (foam same composition same (analy\$4 concentration)) and (phase with flow\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 10:17
S26	34	surfactant and (hydrocarbon with water) and (foam same composition\$2 same (analy\$4 concentration)) and (phase with flow\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 10:18

S27	1	10/538394	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 10:41
S28	1	"5470749".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 13:50
S29	0	"4425243, 4733557, 4951503, 4996431, 5822058, 6386018, 6978210".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 09:11
S30	7	("4425243", "4733557", "4951503", "4996431", "5822058", "6386018", "6978210").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 09:11
S31	7	"4951503"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 09:50
S32	1	"4951503".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 09:50
S33	16	("3291980" "3479798" "3566674" "4229968" "4246773" "4345463" "4355533" "4553985"). PN. OR ("4951503").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 09:51
S34	1	hydrocarbon and custody and ("6"\$phase or (multi with phase)) and foam	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 09:52
S35	4	hydrocarbon and custody and (\$6phase or (multi with phase)) and foam	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 09:53
S36	13	hydrocarbon and custody and foam	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 09:54
S37	138	(hydrocarbon same (concentrat\$4 level composit\$4)) and custody	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 09:55
S38	2653	(436/139-143,174,181). ocls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 09:56
S39	5	S37 and S38	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 09:56
S40	11	("3133437").URPN.	USPAT	OR	ON	2009/01/30 10:04
S41	12	"6354318"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/04 16:33

S42	1	"6354318".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/04 16:33
S43	119	("1834065" "4055480" "4087261" "4144754" "4200789" "4210015" "4215567" "4282760" "4292011" "4294695" "4396508" "4403911" "4429581" "4431534" "4441361" "4441362" "4528919" "4604902" "4641679" "4646273" "4660414" "4705114" "4730634" "4760742" "4776210" "4793418" "4800921" "4802361" "4813270" "4822484" "4824614" "4852395" "4881412" "4884457" "4924695" "4974446" "4974452" "4979880" "5020359" "5025160" "5033288" "5036710" "5047632" "5049823" "5083452" "5095983" "5127272" "5149344" "5150061" "5156537" "5173195" "5195380" "5203211" "5209765" "5214284" "5218840" "5224372" "5226482" "5235684" "5251488" "5254292" "5259239" "5287782" "5290151" "5306911" "5353627" "5353646" "5375618" "5375976" "5377714" "5390547" "5393202" "5400657" "5415024" "5431228" "5437299" "5447370" "5456120" "5461930" "5483171" "5485743" "5526684" "5531112" "5561245" "5575615" "5575625" "5580214" "5586027" "5591922" "5597961" "5608170" "5631413" "5635631" "5646352" "5654551" "5660532" "5660617" "5661237" "5661248" "5680899" "5698791" "5706211" "5707427" "5710717" "5711338" "5736637"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/04 16:34

		"5741977" "5747674" "5770068" "5775879" "5777278" "5792962" "5793216" "5810032"). PN. OR ("6354318").URPN.				
S44	4	S43 and foam	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/04 16:35
S45	1	"20090006005"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/04 16:52
S46	0	("2009/0006005").URPN.	USPAT	OR	ON	2009/06/04 17:05
S47	1	"5470749".pn.	USPAT	OR	ON	2009/06/04 17:06
S48	58694	"166".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 10:59
S49	4191	"166".clas. and "507".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 10:59
S50	64830	"166".clas. "507".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:00
S51	342125	foam	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:00
S52	3670	S50 and S51	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:00
S53	1630374	composition	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:00
S54	2308	S52 and S53	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:00
S55	346013	saa "surface active agent" surfactant	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:00
S56	1618	S54 and S55	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:01
S57	97315	pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:01
S58	149	S56 and S57	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:01

S59	3669	custody	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:01
S60	0	S58 and S59	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:01
S61	643273	hydrocarbon	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:02
S62	141	S58 and S61	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:02
S63	44560	phase with stream	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:04
S64	17	S62 and S63	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:04
S65	375	166/309.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:38
S66	88	166/308.6.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 11:42
S67	287	S65 and S51	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:12
S68	205	S67 and S53 and S55	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:12
S69	5	S68 and S63	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:12
S70	43565	"436".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:30
S71	342125	foam	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:31
S72	1676	S70 and S71	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:31
S73	295010	surfactant	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:31
S74	415	S72 and S73	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:31

S75	643273	hydrocarbon	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:31
S76	136	S74 and S75	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:31
S77	186343	oil with well	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:33
S78	21	S76 and S77	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:33
S79	23267	"516".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:41
S80	3769	S79 and foam	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:41
S81	1977	S80 and S55	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:41
S82	1234	S81 and S61	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:41
S83	343	S82 and S77	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:42
S84	13	S83 and S63	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:42
S85	318	S83 and S53	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:43
S86	358313	"210".clas. "516".clas. "95". clas. "73".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:48
S87	403	S86 and S51 and S53 and S55 and S61 and S77	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:49
S88	19	S87 and S63	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:49
S89	16	("1921725" "3739795" "4018089" "4426879" "4444044" "4596586" "4624745" "5437842" "5547022" "5593890" "5853617" "5868859" "5922112").PN. OR ("6461414").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 12:51

S90	5	(method same pipeline same hydrocarbon same vapor).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 13:30
S91	1	(saa with foam with hydrocarbon with water).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 13:30
S92	1	"5470749".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 13:34
S93	1	"4621521".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 14:15
S94	1	"7140238".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 14:19
S95	8	("20030117150" "4820970" "4902961" "5025160" "5485743" "5793216" "6277286" "6507401").PN. OR ("7140238").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 14:21
S96	5	foam with karl with fischer	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:19
S97	6004	karl with fischer	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:20
S98	592	homogenous with foam	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:20
S99	2	S97 and S98	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:20
S100	797	S97 and foam	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:21
S101	441	S100 and hydrocarbon	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:21
S102	346013	saa "surface active agent" surfactant	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:21
S103	272	S101 and S102	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:21
S104	11	S103 and pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:22

S105	5	S97 with foam	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:23
S106	43	S97 same foam	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:24
S107	69	S97 same foam\$	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:24
S108	21526	foam\$ same chromatograph \$	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:27
S109	153	S108 and S97	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:27
S110	54	S109 and S102	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:27
S111	36	S110 and hydrocarbon	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:28
S112	97315	pipeline	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:29
S113	0	S111 and S112	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:29
S114	52	S108 and S112	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:29
S115	0	S114 and S97	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:29
S116	1	"6164308".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 16:49
S117	14	(method with removal with catalyst with concentrations).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 17:07
S118	0	(method with removal with catalyst with concentrations with inlet with mole with ratio).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 17:07
S119	2	(method with removal with catalyst with concentrations with inlet). clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 17:07
S120	391	(method with concentrations with inlet). clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 17:09

S121	4	(method with concentrations with inlet with mole with ratio).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 17:09
S122	5	(method and removal and catalyst and inlet and outlet and mole and ratio).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/05 17:10

6/ 5/ 2009 7:07:54 PM

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